# VIRAJ SYNTEX (P) LTD.

**Unit 1 :** C-36 UPSIDC Industria Area Rooma Kanpur-209402 (U.P) INDIA
**Unit-2 :** J-27, Panki Industrial Area, Site-III, Kanpur-208022 (U.P.) INDIA
**Phone :**+91 9839505969 ,9839803488 ,9839811500 ,9839601191
**E-Mail :** info@vsplgroup.com, **Web.:** www.vsplgroup.com


SECURE FIRST™

PRODUCT : **CARGO NET/RESTRAINT SYSTEM**
REF. NO. : **SF-SMT-100, MMT-100, LMT-100 , XMT-100 & XXM-100**

| | |
|---|---|
| DOC. NO. | SF/TDS/SMT-100 |
| ISSUE | 01 |
| REVISION | 02 |
| DATE | 03/12/2019 |

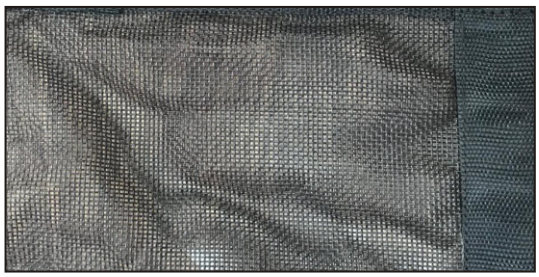
**CONFORMING TO - AS/NZS 4380:2001**

## FEATURES

1 - Waterproof.
2 - 1100kg Load capacity.
3 - PVC resin coated high intensity polyester.
4 - Rainstop cover rated 2,700Nm.
5 - Mildew proof & Rip proof mesh.
6 - Safe & quick instalation
7 - UV and fire resistant.
8 - Removable LTS pull down with XL hooks.
9 - Brass eyelets.
10 - Reinforced PP support bands for structural strength.
11 - Snap - on hook fastness.
12 - Friction free anti tangle finish.

**COMPLETE LASHING - 4 NOS**

**KARABINER & J-HOOK WITH PVC COATING**



**MESH FABRIC**

**CAM BUCKLE & GROMMET**

**WEBBING & STITCHING**


**PACKING IN CARTON BOX**



TECHNICAL DATA SHEET

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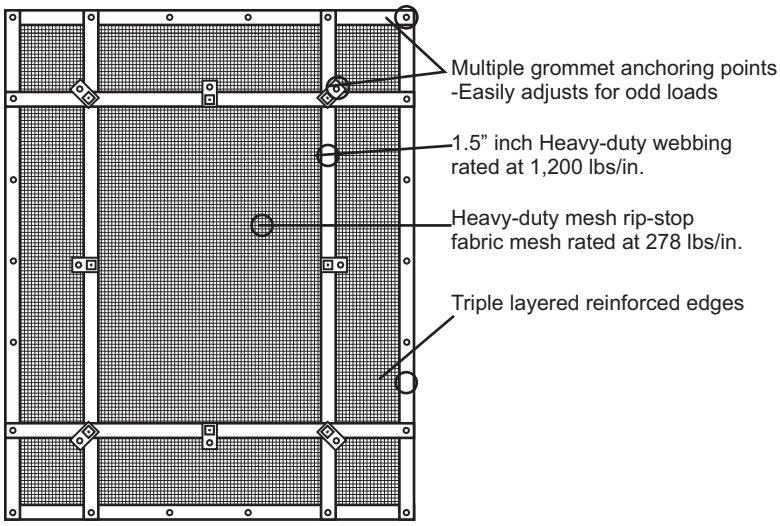


## 1 - PHYSICAL PARAMETERS

Textile Net made with UV stabilized Polyester webbing and heavy duty rip stop mesh fabric and study Strapping / Lashing ends these Nets are designed to avoid self tangling for easy handling & operations.

## 2 - SIZING GUIDE

| SPECS | SMALL | MEDIUM | LARGE | XLARGE | XXLARGE |
|---|---|---|---|---|---|
| Dimensions | 4.75' x 6' | 6.75' x 8' | 8.75 x 10' | 10' x 12' | 10.5' x 16' |
| Mesh Coverage | 49"x65" | 73"x89" | 97"x113" | 112"x137" | 112"x137" |
| Eyelets | 30 | 34 | 42 | 44 | 52 |
| Code | SF-SMT-100 | SF-MMT-100 | SF-LMT-100 | SF-XMT-100 | SF-XXM-100 |
| Strap Included | 4 | 4 | 4 | 4 | 4 |
| Bed Size | 5' Foot | 6' Foot | 8' Foot | 10'-12' Foot | 14'-18' Foot |

## 3 - TEXTILE COMPONENTS

| | | |
|---|---|---|
| **WEBBING (NWF-992)** | **Material** | Made from high tenacity UV stabilized Polyester Dope dyed black yarn webbing which shall not elongate by more than 12% when 50% of the mean breaking strength is applied |
| | **Width** | 1.5" (38 mm) |
| | **Breaking strength** | 2000 Kg. |
| **MESH FABRIC** | **Material** | Heavy duty PVC coated & flame resistant rip stop Mesh Fabric. |
| | **GSM** | approx 375 GSM. |
| **STITCHING THREAD (TKT-20)** | **Material** | Continuos filament Polyester, Black Shade. |
| | **Stitching Type** | Lock Stitch evenly embedded into both surface of the webbing joint. |

## 4 - METAL COMPONENTS

| | | |
|---|---|---|
| **GROMMET (SF-MCH-006)** | **Material** | Brass with Nickle Finish. |
| **CAM BUCKLE (SL/CB/3501)** | **Size** | 1.5" (38 mm) with Min 600 Kg Breaking load. |

Secure Your Loads & Saves Healthy Fines !!



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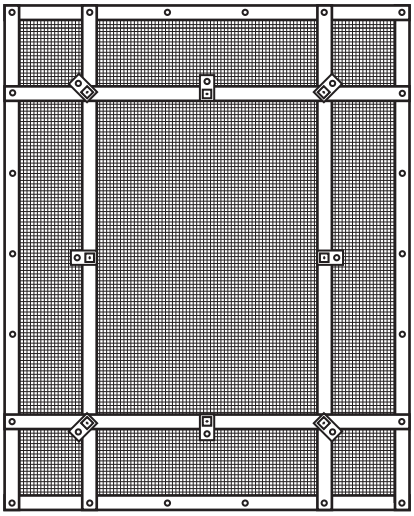

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## 5 - END CONNECTOR

| | | |
|---|---|---|
| (KARABINER) SF-1104 | MATERIAL | Alloy Steel |
| | BREAKING LOAD | 600 Kg (Min) |
| | WEIGHT | 104 Grams. |
| J-HOOK PVC COATED (SF-JH-35302) | MATERIAL | Alloy Steel Wire 8.0 mm covered with PVC coating |
| | BREAKING LOAD | 600 Kg Min. |
| | WEIGHT | 117 grams. |

## 6 - VITAL TEST COMPLIANCE

| | |
|---|---|
| TENSIONING DEVICES | When a force of 500 N is applied to the handle, a tensioning device shall generate a tensile force in a webbing restraint system of at least 15 per cent of the lashing capacity (LC) or a tensile force of at least 3000 N in a single strap, when a minimum of 2½ turns are applied to the spool. Where removable handles are used, if any component of the applied force can act in the direction of removal of the handle, the handle should be secured against accidental detachment. The maximum possible recoil travel of the end of the handle of the tensioning device shall not exceed 150 mm when released. |
| LOAD-BEARING COMPONENTS | All load-bearing components excluding the webbing of the complete load restraint system shall show no indication of permanent deformation affecting the function at 1.25 times the lashing capacity (LC) and shall afterwards withstand a force of at least twice the lashing capacity (LC) when tested in accordance with Appendix A. |
| TESTING A COMPLETE WEBBING RESTRAINT DEVICE | The procedure for testing a complete webbing restraint device in accordance with Clause 3.3 shall be as follows:<br>(a) Assemble the webbing restraint system with its end fittings and mount on the testing machine.<br>(b) Apply a force equal to 1.25 times the lashing capacity (LC).<br>(c) Remove test force and inspect to confirm that—<br>(i) the components have not permanently distorted such as to be detrimental to their intended functions;<br>(ii) the tensioning device or components with moving parts have fully retained their function;<br>(iii) no stitch failure has occurred; and<br>(iv) no slippage of the webbing through the tensioning device has occurred.<br><br>NOTE: Elongation of the material of the webbing and circumferential settling in the tensioning device should not be confused with slippage of the webbing in the tensioning device.<br>(d) Apply a load of at least twice the lashing capacity (LC) and the load may then be increased to determine breaking load if required. |



TECHNICAL DATA SHEET